Index of Claims

| App | licati | on/Co | ntrol | No. |
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10/579,667 Examiner

ULLRICH ET AL.

Art Unit

Applicant(s)/Patent under Reexamination

Scott A. Smith

3721

| <b>√</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| Final            | Original                   | 60/2/9   |  |          |   |      |   |  |  |   |
|                  | 1                          |          |  |          |   |      |   |  |  |   |
|                  | 1<br>2<br>3<br>4<br>5      |          |  |          |   |      |   |  |  |   |
|                  | 3                          |          |  | T        |   |      |   |  |  |   |
|                  | 4                          |          |  | H        |   |      |   |  |  |   |
|                  | 5                          |          |  | $\vdash$ |   |      |   |  |  |   |
|                  | 6                          |          |  |          |   |      |   |  |  |   |
|                  | 7                          |          |  |          |   |      |   |  |  |   |
|                  | 6<br>7<br>8                | $\vdash$ |  | $\vdash$ |   |      |   |  |  |   |
|                  | 9                          |          |  |          |   |      |   |  |  |   |
|                  | 10                         |          |  |          |   |      |   |  |  |   |
|                  | 11                         |          |  |          |   |      |   |  |  |   |
|                  | 12                         |          |  |          |   |      |   |  |  |   |
|                  | 13                         |          |  |          |   |      |   |  |  |   |
|                  | 14                         |          |  |          |   |      |   |  |  |   |
|                  | 11<br>12<br>13<br>14<br>15 |          |  |          |   |      |   |  |  |   |
| 1                | 16                         | =        |  |          |   |      |   |  |  |   |
|                  | 16<br>17<br>18             |          |  |          |   |      |   |  |  |   |
| 2                | 18                         | =        |  |          |   |      |   |  |  |   |
| 3                | 19                         | =        |  |          |   |      |   |  |  |   |
| 4                | 20                         | =        |  |          |   |      |   |  |  |   |
| 5                | 20<br>21                   | =        |  |          |   |      |   |  |  |   |
| 6                | 22                         | =        |  |          |   |      |   |  |  |   |
| 4<br>5<br>6<br>7 | 22                         | =        |  |          |   |      |   |  |  |   |
| 8                | 24                         | =        |  |          |   |      |   |  |  |   |
| 9                | 25<br>26                   | =        |  |          |   |      |   |  |  |   |
| 10               | 26                         | =        |  |          |   |      |   |  |  |   |
| 11               | 27                         | =        |  |          |   |      |   |  |  |   |
| 12<br>13         | 28<br>29                   | =        |  |          |   |      |   |  |  |   |
| 13               | 29                         | =        |  |          |   |      |   |  |  |   |
| 14               | 30                         | =        |  |          |   |      |   |  |  |   |
| 14<br>15         | 31                         | =        |  |          |   |      |   |  |  |   |
| 16               | 32                         | =        |  |          |   |      |   |  |  |   |
| 17<br>18         | 33                         | =        |  |          |   |      |   |  |  |   |
| 18               | 33<br>34                   | =        |  |          |   |      |   |  |  |   |
|                  | 35                         |          |  |          |   |      |   |  |  |   |
|                  | 36                         | L        |  |          |   |      |   |  |  |   |
|                  | 37                         |          |  |          |   |      |   |  |  |   |
|                  | 38                         |          |  |          |   |      |   |  |  |   |
|                  | 39                         | L        |  |          |   |      |   |  |  |   |
|                  | 40                         |          |  |          |   |      |   |  |  |   |
|                  | 41                         |          |  |          |   |      |   |  |  |   |
|                  | 42                         |          |  |          |   |      |   |  |  |   |
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|                  | 44                         |          |  |          |   |      |   |  |  | Ĺ |
|                  | 45                         |          |  |          |   |      |   |  |  |   |
|                  | 46                         |          |  |          |   |      |   |  |  |   |
|                  | 47                         |          |  |          |   |      |   |  |  |   |
|                  | 48                         |          |  |          |   |      |   |  |  |   |
|                  | 49                         |          |  |          |   |      |   |  |  |   |
|                  |                            |          |  |          |   |      |   |  |  |   |

| Cla   | Claim    |          |   | Date  |          |          |          |   |          |   |  |  |
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|       |          |          |   |   |          |          |          |   |          |   |  |  |
| ज     | Original |          |   |   |          |          |          |   |          |   |  |  |
| Final | igi      |          |   |   |          |          |          |   |          |   |  |  |
|       | ō        |          |   |   |          |          |          |   |          |   |  |  |
|       |          |          |   |   |          |          |          |   |          |   |  |  |
|       | 51       |          |   |   |          |          |          |   |          |   |  |  |
|       | 52       |          |   |   |          |          |          |   |          |   |  |  |
|       | 53       |          |   |   |          |          |          |   |          |   |  |  |
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|       | 58       |          |   |   |          |          |          |   |          |   |  |  |
|       | 59       |          |   |   |          |          |          |   |          |   |  |  |
|       | 60       |          |   |   |          |          |          |   |          |   |  |  |
|       | 61       |          |   |   |          |          |          |   |          |   |  |  |
|       | 62       |          |   |   |          |          |          |   |          |   |  |  |
|       | 63       |          |   | Г   |          |          |          |   |          |   |  |  |
|       | 64       | П        |   |   |          |          |          |   |          |   |  |  |
|       | 65       |          |   | $\vdash$  |          |          |          |   |          |   |  |  |
|       | 66       | Н        |   | $\vdash$  |          |          |          |   |          |   |  |  |
|       | 67       | Н        |   | $\vdash$  | Н        |          |          |   |          |   |  |  |
|       | 68       |          |   | $\vdash$  |          |          |          |   |          |   |  |  |
|       | 00       |          |   | $\vdash$  |          | _        |          |   |          |   |  |  |
|       | 69       |          |   |   |          |          |          |   |          |   |  |  |
|       | 70       |          |   |   |          |          |          |   |          |   |  |  |
|       | 71       |          |   |   |          |          |          |   |          |   |  |  |
|       | 72<br>73 |          |   |   |          |          |          |   |          |   |  |  |
|       | 73       |          |   |   |          |          |          |   |          |   |  |  |
|       | 74<br>75 |          |   |   |          |          |          |   |          |   |  |  |
|       | 75       |          |   |   |          |          |          |   |          |   |  |  |
|       | 76       |          |   |   |          |          |          |   |          |   |  |  |
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|       | 78       |          |   | Г   |          |          |          |   |          |   |  |  |
|       | 79       |          |   |   |          |          |          |   |          |   |  |  |
|       | 80       |          |   |   |          |          |          |   |          |   |  |  |
|       | 81       |          |   | Н   |          |          |          |   |          |   |  |  |
|       | 82       |          |   | $\vdash$  |          |          |          |   |          |   |  |  |
|       | 83       |          |   |   |          |          |          |   |          |   |  |  |
|       | 84       |          |   | $\vdash$  |          |          |          |   |          |   |  |  |
|       | 85       | H        | - | $\vdash$  | $\vdash$ | $\vdash$ | -        |   | -        |   |  |  |
| -     | 86       | H        |   | $\vdash$  | H        |          |          |   |          |   |  |  |
|       | 87       |          |   | $\vdash$  |          | _        |          |   |          |   |  |  |
| -     | 88       | $\vdash$ | - | $\vdash$  | H        | <u> </u> | -        |   | -        |   |  |  |
|       |          | H        | - | $\vdash$  | H        | $\vdash$ | -        |   | -        |   |  |  |
|       | 89       |          |   | $\vdash$  |          | _        |          |   |          |   |  |  |
| -     | 90       |          | - | $\vdash$  |          | _        | <u> </u> |   | <u> </u> |   |  |  |
|       | 91       |          |   | L   |          |          |          |   |          |   |  |  |
|       | 92       |          |   |   |          |          |          |   |          |   |  |  |
|       | 93       | Ш        |   | $oxed{oxed}$  | Ш        |          |          |   |          |   |  |  |
|       | 94       |          |   | $ldsymbol{ld}}}}}}$ |          |          |          |   |          |   |  |  |
|       | 95       |          |   |   |          |          |          |   |          |   |  |  |
|       | 96       |          |   |   |          |          |          |   |          |   |  |  |
|       | 97       |          |   |   |          |          |          |   |          |   |  |  |
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| Claim   Date     Tell   Tell     101   102     103   104     105   106     107   108     109   110     111   112     113   114     115   116     117   118     119   120     121   121     122   123     124   125     126   127     128   129     130   131     134   132     138   139     140   141     144   142     133   134     134   144     145   146     147   148     149   140     144   145     145   146     147   148     149   150 |       |          |  |          |              |          |      |          |          |          |          |
|--|-------|----------|--|----------|--------------|----------|------|----------|----------|----------|----------|
| 101 102   103 104   105 106   107 108   109 110   111 112   113 114   115 116   117 118   119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   144 145   146 147   148 149  | Cla   |          |  |          |              |          | Date | 2        | _        |          | Щ        |
| 103 104   105 106   107 108   109 110   111 111   112 113   114 115   116 117   118 119   120 121   122 123   124 125   126 127   128 129   130 131   132 133   134 135   136 137   138 139   140 141   144 144   145 146   147 148   149 149  | Final | Original |  |          |              |          |      |          |          |          |          |
| 103 104   105 106   107 108   109 110   111 111   112 113   114 115   116 117   118 119   120 121   122 123   124 125   126 127   128 129   130 131   132 133   134 135   136 137   138 139   140 141   144 144   145 146   147 148   149 149  |       | 101      |  |          |              |          |      |          |          |          |          |
| 103 104   105 106   107 108   109 110   111 111   112 113   114 115   116 117   118 119   120 121   122 123   124 125   126 127   128 129   130 131   132 133   134 135   136 137   138 139   140 141   144 144   145 146   147 148   149 149  |       | 102      |  |          |              |          |      |          |          |          |          |
| 104 105   106 107   108 109   110 111   111 112   113 114   115 116   117 118   119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   145 146   147 148   149 149  |       | 103      |  |          |              |          |      |          |          |          |          |
| 107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 104      |  |          |              |          |      |          |          |          |          |
| 107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 105      |  |          |              |          |      |          |          |          |          |
| 107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 106      |  |          |              |          |      |          |          |          |          |
| 110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | l 107    |  |          |              |          |      |          |          |          |          |
| 110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 108      |  |          |              |          |      |          |          |          |          |
| 111 112   113 114   115 116   117 118   119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   145 146   147 148   149 149  |       | 109      |  |          |              |          |      |          |          |          |          |
| 113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 110      |  |          |              |          |      |          |          |          |          |
| 113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 111      |  |          |              |          |      |          |          |          |          |
| 114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 112      |  |          |              |          |      |          |          |          | Щ        |
| 116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 113      |  |          | $\vdash$     |          |      |          | <u> </u> |          | Щ        |
| 116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 114      |  | _        | $\vdash$     | <u> </u> | _    |          | <u> </u> |          | Щ        |
| 118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 115      |  | _        |              |          | _    |          | _        | _        |          |
| 118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149  |       | 116      |  | _        | $\vdash$     |          |      |          | <u> </u> |          | Щ        |
| 119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   145 146   149 149  |       | 11/      |  | <u> </u> | $\vdash$     | <u> </u> | _    | <u> </u> | _        | -        | $\vdash$ |
| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 118      |  | <u> </u> | H            | <u> </u> | _    | <u> </u> | _        | <u> </u> |          |
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| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 120      |  |          |              |          |      |          | _        |          |          |
| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 121      |  |          |              |          |      |          |          |          |          |
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| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 123      |  |          |              |          |      |          |          |          |          |
| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 124      |  |          |              |          |      |          |          |          |          |
| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 126      |  |          |              |          |      |          |          |          |          |
| 130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |       | 127      |  |          |              |          |      |          |          |          |          |
| 130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |       | 128      |  |          |              |          |      |          |          |          |          |
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| 133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 132      |  |          |              |          |      |          |          |          | $\Box$   |
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| 142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |       | 140      |  |          |              |          |      |          |          |          |          |
| 143<br>144<br>145<br>146<br>147<br>148<br>149  |       | 141      |  |          |              |          |      |          |          |          |          |
| 144  |       |          |  |          |              |          |      |          |          |          | Ш        |
| 145<br>146<br>147<br>148<br>149  |       |          |  |          | $oxed{oxed}$ |          |      |          |          |          | Ш        |
| 146<br>147<br>148<br>149   |       |          |  |          |              |          |      |          |          |          | Ш        |
| 147<br>148<br>149  |       |          |  |          |              |          |      |          |          |          | Ш        |
| 148<br>149   |       |          |  |          |              |          |      |          |          |          |          |
| 149  |       |          |  |          |              |          | _    |          | _        |          |          |
|  |       |          |  |          |              |          |      |          |          |          |          |
| 150  |       |          |  |          |              |          |      |          |          |          | Щ        |
|  |       | 150      |  |          |              |          |      |          |          |          |          |